

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) A client/server system comprising:
~~a client having at least one I/O device; and~~
~~a server, for redirecting an event in the I/O device and directly controlling the I/O device~~
comprising:

software to generate operating instructions for an I/O device;

a device driver to generate a control signal for the I/O device based on the
operating instructions; and

a virtual I/O port to transmit the control signal and to receive an I/O event; and

a client, comprising:

a device handler to receive the control signal from the virtual I/O port, to control
the I/O device that is coupled with the client based on the control signal, and to transmit the I/O
event received from the I/O device to the virtual I/O port.

2. (CURRENTLY AMENDED) The client/server system according to ~~Claim~~claim 1,
~~comprising the server and the client;~~

~~wherein a the server side includes a device driver for controlling controls the I/O device~~
via an I/O port on a the client side, and

wherein the a virtual I/O port for providing provides the device driver with an interface
having the same function as the I/O port; by transmitting a the control signal from the device
driver to the client side device handler and informing the device driver of the I/O event received
from the client side I/O device;

~~the client side includes at least one I/O port connectable with the I/O device, and a~~
~~device handler for communicating with the virtual I/O port to control the I/O port; and~~

~~the event in the I/O device on the client side is redirected to the virtual I/O port on the~~
~~server side, and the device driver on the server side directly controls the I/O device.~~

3. (CURRENTLY AMENDED) A server, ~~configured to redirect an event in an I/O~~

~~device transmitted from a client side, and to directly controlling the I/O device comprising:~~
software to generate operating instructions for an I/O device coupled with a client;
a device driver to generate a control signal for the I/O device based on the operating
instructions; and
a virtual I/O port to transmit the control signal to a device handler of the client and to
receive from the device handler an I/O event received from the I/O device.

4. (CURRENTLY AMENDED) A client, ~~comprising: at least one I/O device, and~~
~~configured to redirect an event in the I/O device to a server side to directly control the I/O device~~
~~by the server side~~
a device handler to control an I/O device coupled with the client based on a control
signal received from a virtual I/O port on the server, which generated by a device driver on a
server based on operating instructions generated by software on the server, and to transmit an
I/O event received from the I/O device to the virtual I/O port.

5. (CURRENTLY AMENDED) The client according to ~~Claim~~ claim 4, further
comprising:
at least one I/O port, which is coupled with the I/O device, and which is controlled by a
the device driver and connectable with an I/O device, and a device handler communicating with
a virtual I/O port to control the I/O port, the virtual I/O port being included in a server to provide
the device driver with a certain interface, transmit a control signal from the device driver and
inform the device driver of a received event; wherein the event in the I/O device is redirected to
the virtual I/O port of the server, and the I/O device of the client is directly controlled by the
device driver of the server.

6. (NEW) The client/server system of claim 1, wherein the I/O device is a bar code
reader.

7. (NEW) The client/server system of claim 1, wherein the client and server
communicate via a LAN.

8. (NEW) The client/server system of claim 1, wherein the client and server
communicate via the WWW.